Substitute	for	form	1449A/P	TO	\4
					1

\mathbf{I} S

INEO	RMATION I	NEST.	emanto t	Application Number	09/436,984
				Filing Date	November 9, 1999
SIA	TEMENT BY			First Named Inventor	Shunpei YAMAZAKI, et al.
	(use as many sheets a	is necessa	(ערו	Art Unit	2823
				Examiner Name	William D. Coleman
Sheet	1	of	1	Attorney Docket Number	740756-2063

Complete if Known

			U.S. PATENT DOCUM	ENTS	
Examiner Initials	Cite No.1	U.S. Patent Document Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WC		US-6,977,394 B2	12/20/2005	Yamazaki, et al.	

		FOI	REIGN PATENT DOC	UMENTS		
Examiner Initials	Cite No. ¹	Foreign Patent Document Kind Code Country Code Number (If brown)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Cohumns, Lines, Where Relevant Passages or Relevant Figures Appear	т•
	<u> </u>	OTHER PRIOR A	RT – NON PATENT LITE	RATURE DOCUMENTS		
Examiner Initials	Cite No.1	item (book, magazine, journa		le of the article (when appropriate), , etc.)., date, page(s), volume-issue where published.		L ₃

Examiner	infi	Dystolycopous by 40 flored Dateston DN: com 40 Daried Dateston 4-128, artisle*10, co-12823, anger 4784, experience (Bengle yer	Date	04/24/2006
Signature	not sold	Cues 2006 04 24 11 40 27 - 04 00	Considered	04/24/2000

^{*}EXAMINER;/ Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

MAR 1 0 2006 W

Substitute for form 1449A/PTO \ INFORMATION DISCIPLE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Complete if Known						
Application Number 09/436,984						
Filing Date	November 9, 1999					
First Named Inventor	Shunpei YAMAZAKI, et al.					
Art Unit	2823					
Examiner Name	William D. Coleman					
Attorney Docket Number	740756-2063					

			U.S. PATENT DOCUME	ENTS	
Examiner Initials	Cite No. ¹	U.S. Patent Document Number - Kind Code ³ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WC		US-6,977,394 B2	12/20/2005	Yamazaki, et al.	
			•		
	<u> </u>				
			·		
,					

Examiner			CIGITIZET DOC	UMENTS		
Initials*	Cite No. ¹	Foreign Patent Document Kind Code Country Code ³ Number ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Ched Document	Pages, Cohumns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ⁴
		OTHER PRIOR AF	RT – NON PATENT LITE	ERATURE DOCUMENTS		
Examiner Initials	Cite No.	item (book, magazine, journal		tle of the article (when appropriate), to g, etc.)., date, page(s), volume-issue of y where published.		T²

Examiner	W. David Coleman	The state of the s	Date	04/24/2006
Signature	VV. David Colcinari	. I'm mit to m of all an of all an of all all all all all all all all all al	Considered	04/24/2000

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

class Swhass

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Sheet ____ of ____

Form PTO-1449 (Rev. 8-83)	U.S. Department of C Patent and Trademark	ommerce Office	Atty.Docket No.: 0756-2063 Serial No. 09/436,984				
•	RMATION DISCLOSURE STATEMENT		Applicant: SHUNPEI YAMAZAK	CI ET AL.			
	(Use several sheets if necessary)		Filing Date: 11/09/99 Group: 2825			2823	
	v.s	. PATEN	T DOCUMENTS				
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Da (if appro	
&	5,643,826 0	7/01/97	OHTANI ET AL.				
A	5,923,962 0	7/13/99	OHTANI ET AL.			/_	
@	5,247,190 0	9/21/93	FRIEND ET AL.				
a	5,399,502 0	3/21/95	FRIEND ET AL.				
			OIPE			(
	· · · · · · · · · · · · · · · · · · ·		FEB 1 7 2000 C				
			 				
			TRAD SMARKET				
							
	FORE	GN PAT	ENT DOCUMENTS				.,
	Document Number	Date	Country	Class	Subclass	<u>Translati</u> Yes	ion No
a	7-130652	5/19/95	JAPAN			ABSTRACT	
E	8-78329	3/22/96	JAPAN			ABSTRACT	<u> </u>
@	10-135468	5/22/98	JAPAN			ABSTRACT	<u> </u>
20	10-135469	5/22/98	JAPAN		 	ABSTRACT	<u> </u>
100	10-294280	1/04/98	JAPAN			ABSTRACT	
	OTHER DOCUMENTS (Incl	uding Aut	hor, Title, Date, Pertinent	Pages, Et	c.)		
	Ryuichi Shimokawa et al., Characteria Japanese Journal of Applied Physics,	ation of Vol. 27,	High-Efficiency Cast-Si So No. 5, May 1988, pp.751-7	lar Cell Wa 58	afers by MBIC	. Measurement	t,
an	Mutsuko Hatano et al., A Novel Self-/ Performance, IEDM Technical Digest,	Aligned G	ate-Overlapped LDD Poly-Si		igh Reliabili	ity and	
0	Hermann Schenk et al., "Polymers for			у 1999 Рго	ceedings, pp.	. 33-37	
		_/					
2							-
Examiner M			· /	•	7.001		
	nitial if citation considered, whether or	not cit	ation is in conformance Witl	h MPEP 609:	Draw Line t	hrough citat	tion
"EXAMINER: IF	formance and not considered. Include cor	y of this	s form with next communicat	ion to appi	licant.		

Form PTO-1449 (Rev. 8-83)	U.S. Department of C Patent and Trademark	ommerce Office	Atty.Docket No.: 0756-2063 Serial No. (09/436,984		
•	MATION DISCLOSURE STATEMENT		Applicant: SHUNPEI YAMAZAKI ET AL.					
C	(Use several sheets if necessary)		Filing Date: 11/09/99		Group: 3825	2823		
	v.s	. PATEN	T DOCUMENTS					
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Da (if appro	te p.)	
			OIPE					
			FEB 1 7 2000 Jul	<u> </u>				
		<u></u>	-\					
			TRADEMENT					
			G PRADE					
	 				-			
_ 	FORE	IGN PAT	ENT DOCUMENTS					
	Document Number	Date	Country	Class	Subclass	<u>Translati</u> Yes	on No	
0	11-191628	07/13/99	JAPAN			ABSTRACT		
888	10-270363	10/09/98	JAPAN			ABSTRACT		
8	10-247735	09/14/98	JAPAN	. 7		ABSTRACT		
3	10-092576	04/10/98	JAPAN ,,,,,,,,,,			ABSTRACT		
8	WO 90/13148	11/01/90	PCT AND			FULL		
			- Andrews					
							-	
							┝	
				<u> </u>	1	<u> </u>	<u> </u>	
	OTHER DOCUMENTS (Incl	uding Au	Mor, Title, Date, Pertinent	Pages, Etc	:.)			
								
		<i>A</i>						
	-							
- N	ring Vill		Page Considered ()	me 11	7001			
Examiner /						through cita	tion	
*EXAMINER: In if not in conf	nitial if citation considered, whether of formance and not considered. Include co	py of thi	s form with next communicat	ion to appl	Icant.			
N-								

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

bstitute for form 1449A/PTO Complete if Known 09/436,984 INFORMATION DISCLOSURE Application Number Filing Date 11/09/1999 ATEMENT BY APPLICANT First Named Inventor Shunpei YAMAZAKI et al. (use as many sheets as necessary) Group Art Unit 2823 Examiner Name W. Coleman Attorney Docket Number 0756-2063

				U.S. PATENT DOCUMEN	rs	
Examiner Cite Initials No. 1			Name of Patentee or Applicant of Cited	Date of Publication of Cited Document	Pages, Column, Lines, Where Releva Passages or Relevant Figures Appear	
		Number	Kind Code ¹ (if known)	Document	MM-DD-YYYY	or PER
6		5,401,982		T. King et al.	03/28/95	
دهم		5,576,556		Y. Takemura et al.	11/19/96	
6		5,612,234		Y. Ha	03/18/97	
8		5,620,905		T. Konuma et al.	04/15/97	
a		5,710,606		M. Nakajima et al.	01/20/98	
Ð		5,736,414		N. Yamaguchi	04/07/98	
60		5,789,762		J. Koyama et al.	08/04/98	
ie						

			F(DREIGN PATENT DOC	UMENTS		.	
Cite No.1	Foreign Patent Document Kind Code ³ Office ³ Number ⁶ (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Commun. Lines Where Relevant Figures, Appear		,T*	
	JР	11-345767			12/14/99	T		Abstract
	ЛР	11-354442			12/24/99	=		Abstract
			#					
		OTHER I	RIOR	ART – NON PATENT LITE	RATURE DOCUMENTS			
Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.						
	•							
				agi s	·\$**			
				A Paris Contract Cont				
	No.1	No.1 Office2 JP JP	Office' Number' Kind Co (if kno JP 11-345767 JP 11-354442 OTHER F	Cite	Cite No. 1 Foreign Patent Document Name of Patentee or Applicant of Cited Document	Cite No.1 Foreign Patent Document Name of Patentee or Applicant of Cited Document MM-DD-YYYY	Cite No. 1 Foreign Patent Document Name of Patentee or Applicant of Cited Document MM-DD-YYYY Pages, C Where Relevant	Cite No. 1 Foreign Patent Document Name of Patentee or Applicant of Cited Document MM-DD-YYYY Date of Publication of Cited Document MM-DD-YYYY Where Relevant Figure Appear Relevant Figure Appear To the Pages, Control, Lines of Pages, Control

Examiner Signature	Million	-oax	Date Considered	June 11, 2001	
453/ A MOUT					

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the twoletter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

¹Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box \rightarrow [+]

COPY OF PAPERS ORIGINALLY FILED

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 ademark Office: U.S. DEPARTMENT OF COMMERCE

Oliget the r	aperwork A	cuacuoa Ac	t Ot 1993, 180 per	50113 AI	e requi	reu to respond to a contecuor	3011				1061.	•
Substitu	ue for form I	449A/PTO						Complete	if Know	n		
INFO	TRM A	TION !	DISCION	i pi	200	Application Number			09/43			1
OT A	TEME	NT DV	ADDI IC	AN	F/	Filing Date			11/09			1
SIA			,	AI	1.2	First Named Inventor			Shung	ei YAMAZAKI	et al.	1
	(use as i	nany sheets	as necessity)	5 200	d E	Group Art Unit			2823]
			信			Examiner Name			W. Co	oleman		1
Sheet	1		1 Ca. 1		Æ!	Attorney Docket Number	-		0756-	2063		Ī
	<u> </u>		L CALL		<u>\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ </u>	<u> </u>						<u>]</u>
	-					J.S. PATENT DOCUM	ENT					/
Examiner Initials	Cite No.1		. Patent Document		Nam	ne of Patentee or Applicant of Cite Document	cd	Date of Publication Document MM-DD-YY	1	Pages, Columns, Lines, V Passages or Relevant Fi	Vhere Relevant gures Appear	0/a55/82
		Number	Kind C (if low)	vn)								1
6		6,166,	414		М.	Miyazaki et al.		12/26/00	-			1 /
1				8	L							1 /
	$ \overline{} $] /
		$\overline{}$		·] / .
] /
										•		1 /
												1 /
											,	1 /
												1 /
]
					FOR	EIGN PATENT DOCU	IME	NTS				3
	TET					EIGHTALETTECC	<u> </u>	ate of Publication of C]			1
Examiner Initials	Cite No.1	Fore	ign Patent Docume			Name of Patentee or	ן ו	Document	W	Pages, Columns, Lines, here Relevant Passages or		
		Office		Code Imown)		Applicant of Cited Document		MM-DD-YYYY		Relevant Figures Appear	T ⁴	
	+		· · · · · · · ·	· ·	+		-					
	+		- "	-	-		_			· · · · · · · · · · · · · · · · · · ·		1
	$+\rightarrow$	\leftarrow \vdash		-			\vdash		-+			
	+				-+		\vdash				·	1
	+ +	-		\dashv	-+							\
				<u> </u>			<u></u>					
			OTHE	K PRI	OR AR	RT – NON PATENT LITEI	KAT	UKE DUCUMEN	12	······································		
Examiner Initials	Cite No.1				e, journ	(in CAPITAL LETTERS), ti sal, serial, symposium, catalo publisher, city and/or countr	og, et	c.)., date, page(s), v			T,	
										-		1
			•									
												1 /
						•						l 1
	1									······································		1 /

Examiner	Mil	1/1/	Date	
Signature	11/1/201	11 ol -	Considered \	Mer 27, 2002

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drew line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the twoletter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

	•					Sheet 1 of 1		
Form PTO-1 (Rev. 8-83)	449	U.S.Department of Commerce Patent and Trademark Office	Atty Docket 0756-2063		Serial No. 09	9/436,984		
IN	INFORMATION PESCLOSURE STATEMENT		Applicants: Shunpei YAMAZAKI et al.					
	MAR 1 2 2002		Filing Date: November 09	, 1999	Group Art Unit: 2823			
	The second	U.S. PATENT	DOCUMENTS					
Examiner Initial	RADE Soument Number		Name	Class	Subclass	Filing Date (if appropriate)		
6	5,719,065	02/17/1998	Takemura et al.					
وسك	5,926,735	07/20/1999	Yamazaki					
E	5,959,313	09/28/1999	Yamazaki et al.					
82	6,274,887	11/01/1999	Yamazaki et al.					
		OTHER DOCUMENT	(Including Author, Title, Date, P	ertinent Page	s, Etc.)			
Examiner Initial								
	U.S. Patent Application S	Serial No. 09/924,846, Spec	cification & Drawings			<u>. </u>		
وتنك	U.S. Patent Application S	Serial No. 09/432,662, Spec	cification & Drawings					
æ	U.S. Patent Application S	Serial No. 09/435,154, Spec	cification & Drawings with	Pending Cl	aims			
•								
						•		
		•						
	•		•					



Examiner William Col

Date Considered July 27, 2002

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this formwith next communication to applicant.

03/05/2002

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Tradernark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Tradernark Office: U.S. DEPARTMENT OF COMMERCE

Office of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known r form 1449A/PTO 09/436,984 Application Number INFORMATION DISCLOSURE 11/09/1999 Filing Date STATEMENT BY APPLICANT Shunpei YAMAZAKI et al. First Named Inventor (use as many sheets as necessary) 2823 Art Unit William D. Coleman Examiner Name ٥f Attorney Docket Number 740756-2063

			U.S. PATENT DOCUM	ENTS	
Examiner Initials	Cite No. ¹	U.S. Patent Document Number - Kind Code ² (If known)	Publication Date MO4-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number - Kind Code (y iolowy	par-00-1111	74922201000000000000000000000000000000000	Figures Appear
M		US-5,412,493	05/02/1995	Kunii et al.	<u> </u>
		US-			
		US-			
		US			
		US-		7	· · · · · · · · · · · · · · · · · · ·

		FO	REIGN PATENT D	OCUMENTS		
Examiner Initials	Cite No. ¹	Foreign Patent Document Kind Code ³ Country Code ³ Number ⁴ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т [¢]
		OTHER PRIOR	RT - NON PATENT L	ITERATURE DOCUMENTS		
Examiner Initials	Cite No.1	Include name of the autho	r (in CAPITAL LETTER	NS), title of the article (when appro- catalog, etc.)., date, page(s), volum- country where published.	priate), title of the e-issue number(s),	T²
					A	
		lar.				

Examiner	man 1	// Date	- 1. 1.0
Signature	Willia Dillie	Considered	3//0/83

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

NVA248280.1

Class Clas

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute	for form I	449A/PTO			Complete if Known						
DIEG	DB# A!	TION DISCLO	STIDE	Application Number		09/436,984					
				Filing Date	(a10	November 9	. 1999)			
STAT	EME	NT BY APPLI	CANT	First Named Inventor	(4)	Shunpei YA					
1	(सरह वर	nany sheets as necessary)		Art Unit	0-	2823					
ļ				Examiner Name	007 18 7004	William D.	COLE	MAN			
Sheet	1	of 2			Storney Docket Number 740756-2063						
3441	•					740736-200					
				U.S. PATENT DOCE	SENTS OF						
Exeminer	Cite No.1	U.S. Pasent Docume	. I	Publication Date	trates or	P	s, Columns, Line	- War-			
leitiels*	140	Number - Kind Code (V low	; went)	MOA-DD-YYYY	Applicant of Cit			van Passages or	Relevan		
<u> </u>							L	Figures Appe	-		
600	1	US-4,357,557		vember 2, 1982	INOHARA et		<u> </u>				
(44)	2	US-4,658,496		ril 21, 1987	BEINVOGL	t al.					
(Cast)	3	US-5,072,263		cember 10, 1991	WATANABE	et al.	<u> </u>				
0	4	US-5,107,175		ril 21, 1992	HIRANO et a		!				
0	5	US-5;124,204		ne 23, 1992	YAMASHITA		L				
0	6	US-5,189,405		oruary 23, 1993	YAMASHITA						
(2)	7	US-5,405,791		ril 11, 1995	AHMAD et a		—		 		
(44)	8	US-5,593,907		uary 14, 1997	ANJUM et al.		 		 		
9	9	US-5,686,360		vember 11, 1997	HARVEY, III	et al.	-				
(Man)	10	US-5,693,956		cember 2, 1997	SHI et al.						
\bigcirc	11	US-5,757,126		y 26, 1998	HARVEY, III		 	+			
60	12	US-5,771,562		ne 30, 1998	HARVEY, III		 				
(23)	13	US-5,786,620		y 28, 1998	RICHARDS,	JR. et al.	ļ				
660	14	US-5,801,416		ptember 1, 1998	CHOI et al.		 				
<i>a</i>	15	US-5,811,177		ptember 22, 1998	SHI et al.		 				
(3)	16	US-5,827,747		tober 27, 1998	WANG et al.						
(C)	17	US-5,869,929		bruary 9, 1999	SUZAWA et		 				
18	18	US-5,914,498		ne 22, 1999		81.	 				
9	19 20	US-5,929,483		y 27, 1999 ptember 14, 1999	KIM et al. HASKAL et a	.1	 	- .			
8	21	US-5,952,778 US-5,956,588		ptember 21, 1999	CHOI et al.		 				
	22	US-5,962,962		tober 5, 1999	ГИЛТА et al.		 				
LE.	23	US-6,114,183		ptember 5, 2000	HAMADA et	al	 		-		
	24	US-6,114,715		ptember 5, 2000	HAMADA		1	-			
100	25	US-6,140,667		tober 31, 2000	YAMAZAKI	et al.	 				
12	26	US-6,146,225		vember 14, 2000	SHEATS et a		1	1			
6	27	US-6,150,187		vember 21, 2000	ZYUNG et al			1			
Z	28	US-6,165,824		cember 26, 2000	TAKANO et			1			
CAS -	29	US-6,198,217		arch 6, 2001	SUZUKI et al		T	1			
(A)	30	US-6,198,220		arch 6, 2001	JONES et al.						
M	31	US-6,200,836		erch 13, 2001	Y00						
R	32	US-6,207,519		arch 27, 2001	KIM et al.						
6	33	US-6,239,470		ay 29, 2001	YAMAZAKI						
6	34	US-6,268,071	Jul	y 31, 2001	YASUKAWA	k et al.					
(2)	35	US-6,280,559	Au	gust 28, 2001	TERADA et a	ıl					
6	36	US-6,285,042		ptember 4, 2001	OHTANI et a	1.					
COO	37	US-6,330,044		cember 11, 2001	MURADE		$\Box \Box$				
8	38	US-6,335,541	Jar	nuary 1, 2002	OHTANI et a						
an	39	US-6,348,368		bruary 19, 2002	YAMAZAKI	et al.	\coprod				
050	40	US-6,348,382		bruary 19, 2002	SU et al.		$\bot \bot$	······			
	41	US-6,365,917	ĮĄ.	nil 2, 2002	YAMAZAKI		100	CON ST	HABD		

class Clas

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04.

	Substitute	buitute for form 1449B/PTO					Complete if Known					
	INTEO	DMA	TION I	DISC	LOSURE	,	Application Number		09/43	6,984		
							Filing Date		Nover	nber 9	, 1999	
	STAT	EME	MI RA	APP	LICANI		First Named Inventor		Shunp	ei YA	MAZAKI e	t al.
		(ध्यक्ष व्यः	many sheets o	as necesso	(עש	Γ	Group Art Unit		2823			
						[Examiner Name		Willia	mD.	COLEMAN	
	Sheet	2		of	2		Attorney Docket Number		74075	6-206	3	
OFF	<u></u>			<u> </u>								
,	चेट्य	42	US-6,3	65 933		Apri	1 2, 2002	YAMAZAKI	et al.		CONSU	2000
	8	43	US-6,3				130, 2002	YAMAZAKI				
OCT 18 200		44	US-6,4				2, 2002	GRAPP er al.				
	8	45	US-6.4				16, 2002	YAMAZAKI	ct al.			
جريم	8	46	US-6,4	32.561			usi 13, 2002	YAMAZAKI				
~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~		47	US-6.4			Aug	ust 13, 2002	YAMAZAKI			_ \	
_		48	US-6,4	40,877		Aug	ust 27, 2002	YAMAZAKI	ct al.			
<i>∞</i> +	(Des)	49	US-6,4	41,468			ust 27, 2002	YAMAZAKI			CONSIT	ERUD
	-	50	US-6,4	47,867		Scpt	ember 10, 2002	KOMINAMI	st al			
j		51	US-6,4	69,317		Octo	ber 23, 2002	YAMAZAKI	et al.			
l		-52	US-6,5	01,098		Dec	mber 31, 2002	YAMAZAKI				
1		-53	US-6,5 .	24,89 5		Ecbr	uary 25, 2003	YAMAZAKI	ct al.			
_		54	.U3-6,5	55,9 69		Apri	129, 2003	YAMAZAKI				
Cas	€	55	US-6,5	90,230		July	8, 2003	YAMAZAKI	et al.		CONSID	enes
		-56	US-6,6	05,826		Aug	ust 12, 2003	YAMAZAKI				
		57	US-6,6			Sept	ember 9, 2003	YAMAZAKI	et al.			
		58	US-6,6	45,826			ember 11, 2003	YAMAZAKI				
4		-39 <u>-</u>	-03-200	2/012	817	Sept	ember 12, 2002	YAMAZAKI	et al.			
٠						FOR	EIGN PATENT DOC	UMENIS		Τ		
	Examiner Initials	Cite No.1	Fore	igo Petera I]	Publication Date	Name of Patento Applicant of Cited De		W	Columns, Lines, sere Relevant	
		:	Country Cod	de ² Number	Kind Code ((f known)	1	HON-DD-YYYY	,			ges or Relevant pares Appear	T*
						┼				 		
						>		l		 		
•						+				 		
						+				 		
			<u> </u>		OTUPO POV	OB 48	T - NON PATENT LITE	PATHER BOCHAS	NTS.	-		-
												
	Examiner Initials	Cite No.					CAPITAL LETTERS), titl serial, symposium, catalog					τ, .
							olisher, city and/or country				. , .	
,												
				<u> </u>								<u> </u>
							•					1
												
						_						ļ
					^	[]						1
	Cue - to a		5	}	- // Vi	 / -	Dat					<u> </u>
1	Examiner Signature	IM	WL	ر.	الله الك	<u> </u>		usidered Zul	real	4 2	21,200	5
,					7					71		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drawtine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Class Eddinss

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449	A/PTO		C	Complete if Known			
NEDRMATI	ON DISC	TOSLIDE	Application Number	09/436,984			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	November 9, 1999			
SIAILBEN	I BY APP	LICANI	First Named Inventor	Shunpei YAMAZAKI et al.			
1 0 3002 (m Coly man	y sheets as necess	ary)	Art Unit	2823			
A			Examiner Name	William D. Coleman			
Shert A.D.	φſ	2	Attorney Docket Number	740756-2063			

			U.S. PATENT DOC	UMENTS	
Examiner Initials	Cite No.1	U.S. Patent Document Number - Kind Code ² (IJ brown)	Publication Date MM-DD-YYYY	Name of Parenter or Applicant of Cited Document	Pages, Columns, Lines, Where Belevan Passages or Relevant Figures Appear
12	1	US-3,933,529	01-20-1976	GOSER	
7~		US-5,254,490	10-19-1993	KONDO	
7	1	US-5,323,042	06-21-1994	MATSUMOTO	
		US-5,358,879	10-25-1994	BRADY et al.	1
		US-5,594,569	01-14-1997	KONUMA et al.	1
		US-5,693,959	12-02-1997	INOUE et al.	1
		US-5,719,588	02-17-1998	JOHNSON	1
		US-5,912,492	06-15-1999	CHANG et al.	7
		US-5,965,919	10-12-1999	Y00	
		US-5,990,542	11-23-1999	YAMAZAKI	1 7
		US-6,008,869	12-28-1999	OANA et al.	
		US-6,166,396	12-26-2000	YAMAZAKI	
		US-6,180,957 B1	01-30-2001	MIYASAKA et al.	
		US-6,274,887 B1	08-14-2001	YAMAZAKI et al.	
		US-6,281,552 B1	08-28-2001	KAWASAKI et al.	
		US-2003/0138985 A1	07-24-2003	RHODES	
么		US-6,617,644 BI	09-09-2003	YAMAZAKI et al.	
スズ		US-6,784,037 B2	08-31-2004	YAMAZAKI et al.	

		FC FC	REIGN PATENT D	OCUMENTS	t	
Examiner Inhiab	Cite No.1	Foreign Patent Document	Publication Date MM-DD-Y17Y	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	۳
		Country Code' Number (If known)			Figures Appear	
7		JP 03-250632	11-08-1991	KONDO		Abstr.
10		JP 04-369271	12-22-1992	TAKEDA et al.	7	Full
		JP 05-102483	04-23-1993	UEDA		Full
مکم		JP 09-116167	05-02-1997	MIYASAKA et al.		Abstr.

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the No.! item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		YOSHIDA et al., 33.2: A Full-Color Thresholdless Antiferroelectric LCD Exhibiting Wide Viewing Angle with Fast Response Time, SID 97 DIGEST: SID International Symposium Digest of Technical Papers, 1-1-1997, pp. 841-844.		
		mint to all the same of the sa		
Examiner	\perp / \perp	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		

Considered

14 27 2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Signature

Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at 222 uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Complete if Known Substitute for form 1449B/PTO 09/436,984 Application Number FORMATION DISCLOSURE November 9, 1999 Filing Date ATEMENT BY APPLICANT Shunpei YAMAZAKI et al. First Named Inventor (ine as many sheets as necessary) 2823 JUH 1 0 Group Art Unit William D. Coleman Examiner Name 2 Attorney Docket Number 740756-2063

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, senal, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.			
3		H. FURUE et al., P-78: Characteristics and Driving Scheme of Polymer-Stabilized Monostable FLCD Exhibiting Fast Response Time and High Contrast Ratio with Gray-Scale Capability, SID 98 DIGEST: SID International Symposium Digest of Technical Papers, 01-01-1998, pp. 782-785.			
		INUI et al., Thresholdless Antiferroelectricity In Liquid Crystals and Its Application to Displays, Journal of Materials Chemistry, 1/1/1996, pp. 671-673, Vol. 6, No. 4.			
Con		EKISHO, Time Divided Full Color LCD by Ferroelectric Liquid Crystal, 7/25/1999, pp. 190-194, Vol. 3, No. 3.	-		
a)	TERADA et al., Half-V Switching Mode FLCD, Proceedings of the 46th Applied Physics Association Lectures, 3/1/1999, pp. 1316, Vol. 28p-V-8,.			
		Webster's II New Riverside University Dictionary, pp. 839.			
*	ļ				
			_		
	-		_		
	÷				

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

27.

Examiner Signature

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is